

CREATE AND SAFEGUARD PASSWORDS

A password is a secret combination of letters, numbers or symbols.

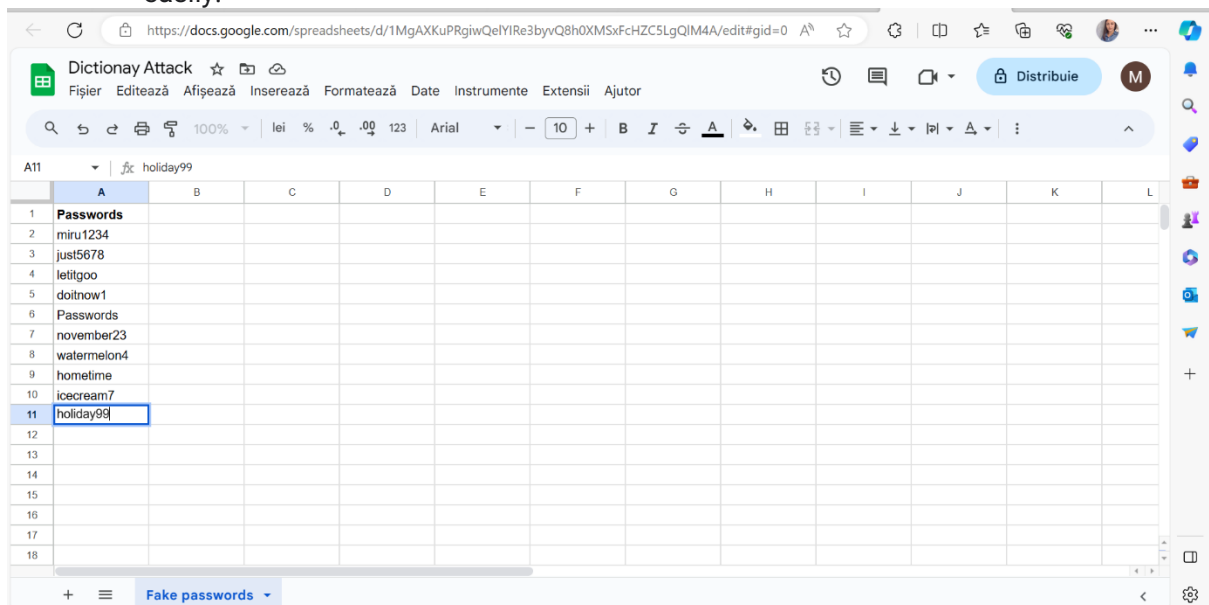
Main:

- Create a list of potential passwords.
- Use function to create variation of common words.
- Test the security of your passwords.
- Learn strategies for making your passwords more secure.

Objectives:

A.

1. Open a new spreadsheet, and title it "Dictionary Attack."
2. Rename sheet one "Fake Passwords."
3. Create a column called "Passwords."
4. Type 10 pretend passwords that are at least 8 characters long and you can remember easily.



On this picture I created 10 pretend passwords!

B.

1. Add a new Sheet to your "Dictionary Attack" spreadsheet.
2. Rename the sheet "5,000 Most Popular Words."
3. Open the starter project.
4. Copy and paste the word list into your new sheet.

Dictionary Attack

Fișier Editează Afیșează Inserează Formatează Date Instrumente Extensii Ajutor

100% | lei % 0.00 123 | Arial | 10 | B I A

AT:A5000 | a

	A	B	C	D	E	F	G	H	I	J	K	L
1	a											
2	abandon											
3	ability											
4	able											
5	abnormal											
6	aboard											
7	about											
8	above											
9	abroad											
10	absence											
11	absent											
12	absolute											
13	absolutely											
14	absorb											
15	abstract											
16	absurd											
17	abundant											
18	abuse											

+ Fake passwords 5,000 Most Popular Words Număr: 5.000

In this screenshot I copied a list of the 5,000 most common words.

C.

1. Use five concatenate functions to vary the beginnings and ends of words in the list.

	A	B	C	D	E	F	G	H	I	J	K	L
1	a	as	a2023	9a	a!	a5678						
2	abandon	abandons	abandon2023	9abandon	abandon!	abandon5678						
3	ability	abilitys	ability2023	9ability	ability!	ability5678						
4	able	ables	able2023	9able	able!	able5678						
5	abnormal	abnormals	abnormal2023	9abnormal	abnormal!	abnormal5678						
6	aboard	aboard	aboard2023	9aboard	aboard!	aboard5678						
7	about	abouts	about2023	9about	about!	about5678						
8	above	aboves	above2023	9above	above!	above5678						
9	abroad	abroads	abroad2023	9abroad	abroad!	abroad5678						
10	absence	absences	absence2023	9absence	absence!	absence5678						
11	absent	absents	absent2023	9absent	absent!	absent5678						
12	absolute	absolutes	absolute2023	9absolute	absolute!	absolute5678						
13	absolutely	absolutelys	absolutely2023	9absolutely	absolutely!	absolutely5678						
14	absorb	absorbs	absorb2023	9absorb	absorb!	absorb5678						
15	abstract	abstracts	abstract2023	9abstract	abstract!	abstract5678						
16	absurd	absurds	absurd2023	9absurd	absurd!	absurd5678						
17	abundant	abundants	abundant2023	9abundant	abundant!	abundant5678						
18	abuse	abuses	abuse2023	9abuse	abuse!	abuse5678						

This picture is a variation of the most common words hackers must use to guess some password after I used the “concatenate” function.

D.

1. Use the "find and replace" tool to search for each password.
2. Search in the "5,000 Most Popular Words" sheet and match the passwords exactly.
3. Insert checkboxes next to your passwords.
4. Check the boxes for each password that was guessed in this pretend dictionary.

	A	B	C	D	E	F	G	H	I	J	K	L
3168	participant	participants	participant2023	9participant	participant!	participant5678						
3169	participate	participates	participate2023	9participate	participate!	participate5678						
3170	participation	participations	participation2023	9participation	participation!	participation5678						
3171	particle	particles	particle2023	9particle	particle!	particle5678						
3172	particular	particulars	particular2023	9particular	particular!	particular5678						
3173	particularly	particularlys	particularly2023	9particularly	particularly!	particularly5678						
3174	partly	partlys	partly2023	9partly	partly!	partly5678						
3175	partner	partners	partner2023	9partner	partner!	partner5678						
3176	partnership	partnerships	partnership2023	9partnership	partnership!	partnership5678						
3177	party	partys	party2023	9party	party!	party5678						
3178	pass	pass	pass2023	9pass	pass!	pass5678						
3179	passenger	passengers	passenger2023	9passenger	passenger!	passenger5678						
3180	passion	passions	passion2023	9passion	passion!	passion5678						
3181	passionate	passionates	passionate2023	9passionate	passionate!	passionate5678						
3182	passive	passives	passive2023	9passive	passive!	passive5678						
3183	passport	passports	passport2023	9passport	passport!	passport5678						
3184	password	passwords	password2023	9password	password!	password5678						
3185	past	pasts	past2023	9past	past!	past5678						

	A	B	C	D	E	F	G	H	I	J	K	L
1	Passwords											
2	miru1234	☐										
3	just5678	☒										
4	letitgoo	☐										
5	doitnow1	☐										
6	Passwords	☒										
7	november23	☐										
8	watermelon4	☐										
9	hometime	☐										
10	icecream7	☐										
11	holiday99	☐										
12												
13												
14												
15												
16												
17												
18												

In these screenshots is the result of "find and replace" tool after I search for each password.

Two passwords guessed!

E.

1. Think of something memorable to you.
2. Create a secure password.
3. Take steps to protect your new password.

The love you give me- Th3l0*3yo7giv3m3